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(FILE 'USPAT' ENTERED AT 11:24:53 ON 30 JUN 1999)

ACTIVATE 1084837/L

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L1 ( 112)SEA FILE=USPAT IBDV OR INFECTIOUS BURSAL OR GUMBORO
L2 ( 12)SEA FILE=USPAT BIRNA?
L3 ( 41)SEA FILE=USPAT IPNV OR PANCREATIC NECROSIS
L4 ( 38)SEA FILE=USPAT VP5
L5 ( 1)SEA FILE=USPAT L4 AND (L1 OR L2 OR L3)
L6 ( 56)SEA FILE=USPAT IBDV
L7 ( 1)SEA FILE=USPAT L6 AND L4
L8 ( 4096)SEA FILE=USPAT ORF OR OPEN READING FRAME#
L9 ( 41)SEA FILE=USPAT L8 AND (L1 OR L2 OR L3)
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L10   2 SLS
L11  51 S L9
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1. 5,871,744, Feb. 16, 1999, Method for generating \*\*birmavirus\*\* from synthetic RNA transcripts; Vikram N. Vakharia, et al., 424/205.1, 184.1, 185.1, 186.1, 204.1, 816, 826; 435/71.1, 235.1, 236, 237, 238, 239, 320.1; 536/23.72 [IMAGE AVAILABLE]
- => d111 1-10
1. 5,911,982, Jun. 15, 1999, Hz-1 virus persistence-associated-gene 1 (PAG1) promoter uses therefor, and compositions containing same or products therefrom; Yu-Chan Chao, 424/93.2; 435/69.1, 320.1, 348; 536/24.1 [IMAGE AVAILABLE]
2. 5,906,821, May 25, 1999, Viral nucleotide sequences; Annette Mary Griffin, et al., 424/229.1, 93.2, 93.6; 435/235.1, 320.1 [IMAGE AVAILABLE]
3. 5,891,442, Apr. 6, 1999, \*\*Infectious\*\*\* \*\*\*bursall\*\* disease virus recombination poxvirus vaccine; Enzo Paolelli, et al., 424/199.1, 204.1, 232.1; 435/69.1, 69.3, 235.1, 320.1, 456; 536/23.1, 23.72 [IMAGE AVAILABLE]
4. 5,885,567, Mar. 23, 1999, Treatment of infection in fowl by oral administration of avian interferon proteins; Margaret J. Sekellick, et al., 424/85.4, 85.7, 442 [IMAGE AVAILABLE]
5. 5,871,744, Feb. 16, 1999, Method for generating \*\*birmavirus\*\* from synthetic RNA transcripts; Vikram N. Vakharia, et al., 424/205.1, 184.1, 185.1, 186.1, 204.1, 816, 826; 435/71.1, 235.1, 236, 237, 238, 239,

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320.1; 536/23.72 [IMAGE AVAILABLE]

6. 5,853,733, Dec. 29, 1998, Recombinant herpesvirus of turkeys and uses thereof; Mark D. Cochran, et al., 424/199.1, 229.1, 816; 435/69.1, 69.3, 235.1, 320.1 [IMAGE AVAILABLE]

7. 5,849,575, Dec. 15, 1998, Cloning and expression of host-protective immunogens of \*\*IBDV\*\*; Ahmed Abdullah Azad, et al., 435/320.1; 424/185.1, 204.1; 435/69.3, 252.33; 530/350; 536/23.4, 23.72 [IMAGE AVAILABLE]

8. 5,840,574, Nov. 24, 1998, Viral vaccines; Louis Joseph Norman Ross, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]

9. 5,834,305, Nov. 10, 1998, Attenuated herpesvirus, herpesvirus which include foreign DNA encoding an amino acid sequence and vaccines containing same; Mark D. Cochran, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]

10. 5,830,723, Nov. 3, 1998, Method for immortalizing chicken cells; Douglas N. Foster, et al., 435/467, 235.1, 325, 349, 373 [IMAGE AVAILABLE]

L084837/L IN USE

REPLACE OLD DEFINITION? Y/(N):y

L# LIST 'L1-L11' HAS BEEN SAVED AS 'L084837/L'

95% OF LIMIT FOR SAVED L#LISTS REACHED

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10. 5,690,939, Nov. 25, 1997, Recombinant vaccine against marek's disease; Robin Wilson Morgan, et al., 4,24/229.1; 530/350 [IMAGE AVAILABLE]
11. 5,658,572, Aug. 19, 1997, \*\*Infectious\*\*\* \*\*\*bursal\*\*\* disease virus recombinant poxvirus vaccine; Enzo Paoletti, et al., 4,24/199.1, 204.1, 232.1; 435/235.1, 320.1; 935/65 [IMAGE AVAILABLE]
12. 5,641,490, Jun. 24, 1997, \*\*Infectious\*\*\* \*\*\*bursal\*\*\* disease virus recombinant poxvirus vaccine; Enzo Paoletti, et al., 4,24/199.1, 204.1, 232.1; 435/69.1, 69.3, 235.1, 320.1; 935/65 [IMAGE AVAILABLE]
13. 5,620,844, Apr. 15, 1997, Assays for detecting hepatitis B virus envelope antigens or antibodies thereto and diagnostic test kits for use in performing the assays; Alexander R. Neurath, et al., 435/5 [IMAGE AVAILABLE]
14. 5,595,912, Jan. 21, 1997, Specific DNA and RNA sequences associated with US \*\*\*IBDV\*\*\* variants, vector carrying DNA sequences, host carrying cloned vector, deduced amino acid sequences, vaccine and method of vaccination; Vikram Vakharia, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]
15. 5,587,364, Dec. 24, 1996, Uses of aloe products in the treatment of inflammatory diseases; Bill H. McAnalley, et al., 514/54, 885, 886; 536/123.1 [IMAGE AVAILABLE]
16. 5,565,548, Oct. 15, 1996, Pre-S gene coded peptide hepatitis B immunogens and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 4,24/184.1, 185.1, 204.1, 227.1, 234.1, 265.1, 275.1, 278.1; 530/325, 326, 327, 345, 402, 403, 404, 810 [IMAGE AVAILABLE]
17. 5,558,867, Sep. 24, 1996, Recombinant Marek's disease virus, process for preparing the same and vaccine containing the same; Masashi Sakaguchi, et al., 4,24/199.1, 214.1, 229.1; 4,35/172.3, 235.1, 320.1; 935/32, 65 [IMAGE AVAILABLE]
18. 5,558,860, Sep. 24, 1996, Viral vaccines; Louis J. N. Ross, et al., 4,24/93.2, 93.21; 435/235.1, 320.1 [IMAGE AVAILABLE]
19. 5,554,525, Sep. 10, 1996, Chicken anemia virus vaccine and diagnostic; Paulus J. A. Sondermeijer, et al., 435/349, 235.1, 252.3, 254.1, 320.1; 536/23.72; 935/12 [IMAGE AVAILABLE]
20. 5,506,128, Apr. 9, 1996, Recombinant infectious bovine rhinotracheitis virus; Mark D. Cochran, et al., 435/235.1; 424/93.2;
21. 5,491,073, Feb. 13, 1996, Cloning of chicken anaemia DNA; Matheus H. M. Noteborn, et al., 4,35/69.1, 5, 172.3, 252.3, 320.1, 348, 362; 536/23.72, 24.32; 935/9, 66, 77 [IMAGE AVAILABLE]
22. 5,470,734, Nov. 28, 1995, Recombinant herpesvirus of turkeys and live vector vaccines derived thereof; Paulus J. A. Sondermeijer, et al., 4,24/229.1, 211.1, 214.1, 816; 435/235.1; 536/23.72 [IMAGE AVAILABLE]
23. 5,441,943, Aug. 15, 1995, Uses of aloe products; Bill H. McAnalley, et al., 514/54, 824; 536/123.1 [IMAGE AVAILABLE]
24. 5,403,582, Apr. 4, 1995, Vaccine comprising fowlpox virus recombinants expressing the envelope glycoprotein of an avian reticuloendotheliosis virus; Keyyan Nazerian, et al., 4,24/207.1, 199.1; 435/69.3, 172.3, 235.1 [IMAGE AVAILABLE]
25. 5,374,558, Dec. 20, 1994, Fowlpox virus promoter; Matthew M. Binns, et al., 435/320.1, 235.1; 536/23.72, 24.1; 935/6, 32 [IMAGE AVAILABLE]
26. 5,350,575, Sep. 27, 1994, \*\*\*IBDV\*\*\* VF2 epitope recognized by virus neutralizing and protective monoclonal antibodies; Ahmed A. Azad, et al., 4,24/192.1, 204.1; 4,35/69.3, 69.7, 252.3, 252.33, 320.1; 530/350, 403; 536/23.4, 23.72 [IMAGE AVAILABLE]
27. 5,332,676, Jul. 26, 1994, Avipox virus promoter; Matthew M. Binns, et al., 435/320.1, 235.1; 536/23.72, 24.1; 935/6 [IMAGE AVAILABLE]
28. 5,310,671, May 10, 1994, Fowlpox virus non-essential regions; Matthew M. Binns, et al., 435/235.1, 320.1, 348; 536/23.72, 24.2; 935/32 [IMAGE AVAILABLE]
29. 5,308,838, May 3, 1994, Uses of aloe products; Bill H. McAnalley, et al., 4,24/278.1; 514/54, 885 [IMAGE AVAILABLE]
30. 5,283,191, Feb. 1, 1994, Marek's disease virus vaccine; Robin W. Morgan, et al., 435/252.3, 69.3, 172.3, 235.1, 252.33, 254.2, 254.21, 320.1, 349; 530/350; 536/23.72; 935/9, 32, 36, 57, 63, 65 [IMAGE AVAILABLE]
31. 5,231,023, Jul. 27, 1993, Recombinant Marek's disease virus; Robin W. Morgan, 435/349, 424/199.1; 435/320.1; 536/23.1, 23.72 [IMAGE AVAILABLE]
32. 5,223,424, Jun. 29, 1993, Attenuated herpesviruses and herpesviruses which include foreign DNA encoding an amino acid sequence; Mark D.

- Cochran, et al., 435/236, 235.1, 320.1 [IMAGE AVAILABLE]
33. 5,204,096, Apr. 20, 1993, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 424/189.1, 196.11, 227.1; 514/13, 14, 15, 17; 530/324, 328, 329, 350 [IMAGE AVAILABLE]
34. 5,187,087, Feb. 16, 1993, Recombinant Herpesvirus of Turkeys and live vector vaccines derived thereof; Pulus J. A. Sondermeijer, et al., 435/172.1; 424/199.1, 204.1, 214.1, 222.1, 229.1, 816; 435/172.3, 235.1, 320.1, 349; 536/23.72 [IMAGE AVAILABLE]
35. 5,182,210, Jan. 26, 1993, Fowlpox virus promoters; Matthew M. Binns, et al., 435/320.1, 69.1, 235.1; 536/24.1; 935/6, 34 [IMAGE AVAILABLE]
36. 5,165,925, Nov. 24, 1992, Vaccine for immunizing fish against infectious \*\*pancreatic\*\*\* \*\*\*necrosis\*\* virus; Jo-ann C. Leong, 424/186.1, 204.1, 817; 435/69.3; 536/23.72 [IMAGE AVAILABLE]
37. 5,158,769, Oct. 27, 1992, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 424/189.1, 227.1; 530/324, 328, 329, 350 [IMAGE AVAILABLE]
38. 5,118,673, Jun. 2, 1992, Uses of aloe products; Robert H. Carpenter, et al., 514/54, 935 [IMAGE AVAILABLE]
39. 5,039,522, Aug. 13, 1991, Immunogens containing peptides with an attached hydrophobic tail for adsorption to hepatitis B virus surface antigen; Alexander R. Neurath, 424/194.1, 186.1, 187.1, 190.1, 196.11, 210.1, 216.1, 227.1, 244.1, 245.1; 530/404, 405, 406 [IMAGE AVAILABLE]
40. 4,861,588, Aug. 29, 1989, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 424/189.1, 227.1, 450; 514/12, 13, 14, 15, 17; 530/328, 329, 350; 930/223, DIG 821 [IMAGE AVAILABLE]
41. 4,847,080, Jul. 11, 1989, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 424/85.1, 189.1, 196.11, 227.1; 514/12, 13, 14, 15, 17; 530/328, 329, 350; 930/220, 221, 222, 223, 260, 270, DIG 821 [IMAGE AVAILABLE]
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- (FILE 'USPAT' ENTERED AT 17:05:20 ON 28 AUG 1998)
- L1. 112 S BDV OR INFECTIOUS BURSAL OR GUMBORO
- L2. 12 S BIRNA?